CENTRAL INTELLIGENCE AGENCY

COUNTRY USSR

Railroad Plans and Diagrams

25X1A PLACE ACQUIRED

SUBJECT

ACQUIRED BY SOURCE

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7 Jul 1949

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SUPPLEMENT TO REPORT NO.

25X1X

Available on loan from the Foreign Documents Branch of CIA are the following Russian language documents:

- 1. Moscow-Kursk RR: Longitudinal profile and grades
 Published by the People's Commissariat of Ways of Communication (1926)
- 2. Perm RR: (Now Molotov): Section Chusovaya-Solevarni. Longitudinal grades, showing terrain, fills and cuts Published by Ministry of Transport (1928)
- 3. Blueprint showing clearance for construction on bridges and on lines between stations. (Standards of A.R.E.A.; Aug 1930)
- 4. Blueprint showing clearance of single and double track tunnels adapted to A.R.E.A. standards, Aug 1930, on tunnels then building
- 5. Blueprint showing clearance of buildings from the tracks of thenexisting double track railroads.
- 6. Blueprint showing clearance of locomotives then building
- 7. Blueprint showing clearance of passage of cars 3600 mm wide and engines 3500 mm wide at the cylinders through double track tunnels and bridges.
- 8. Blueprint showing clearance of boxcars 3600 mm wide then building
- 9. Blueprint showing clearance of boxcars 3850 mm wide then building
- Plan of a classification yard (1930). Scale: 1:2000. Identified as being on first division of October RR, Leningrad-Moscow
- Schematic sketch of Moscow RR's. (1930), showing stations, lines and RR divisions
- 12: Tyublino
 Plan of distribution of routes and structures (1 Oct 29)
 Scale 1:2000

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- Sverdlovsk Junction (28 Mar 1930) Scale: 1:10,000
- USSR: Schematic diagram of RR routes showing weight of rail in $\overline{\text{Kgs/m}}$ (1 Oct 29)
- USSR: Railroads and Water Transport, with indications of rate districts State Cartographic and Geodetic Office (1930) Shown on this map are indications of the following:

Engine houses - layover (not more than 8 stalls)

" - large

- - small (in construction)
- big (in construction)
- closed
- to be closed

Classification yards over 1,000 cars capacity Classification yards over 500 cars capacity

Trans Siberian RR: verst post 1289 to verst post 1333 Longitudinal profile, grades and curves

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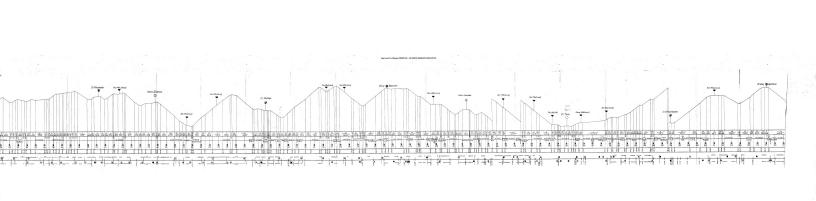
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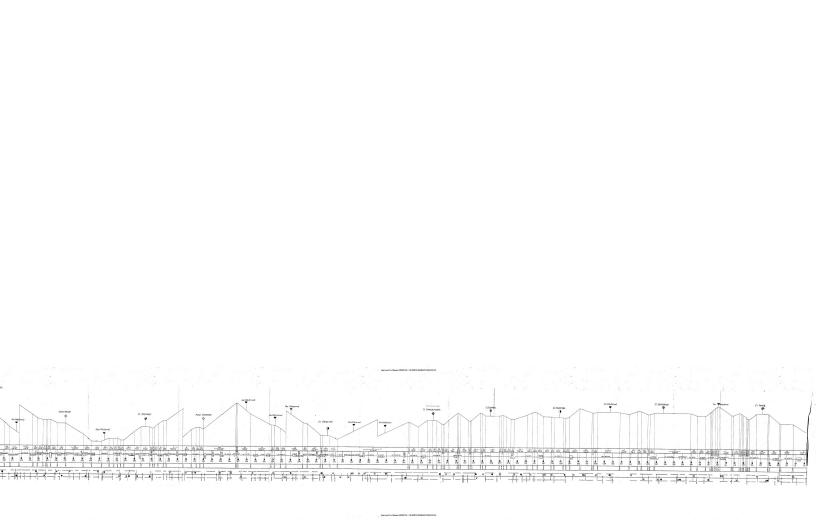
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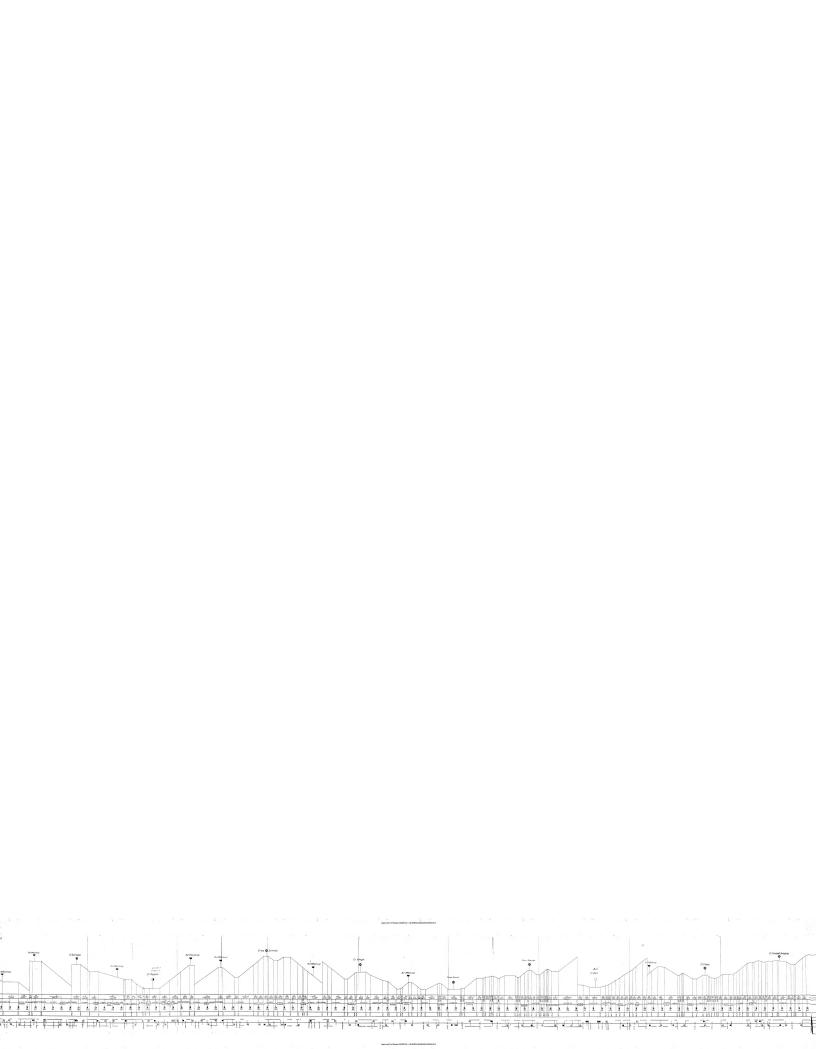
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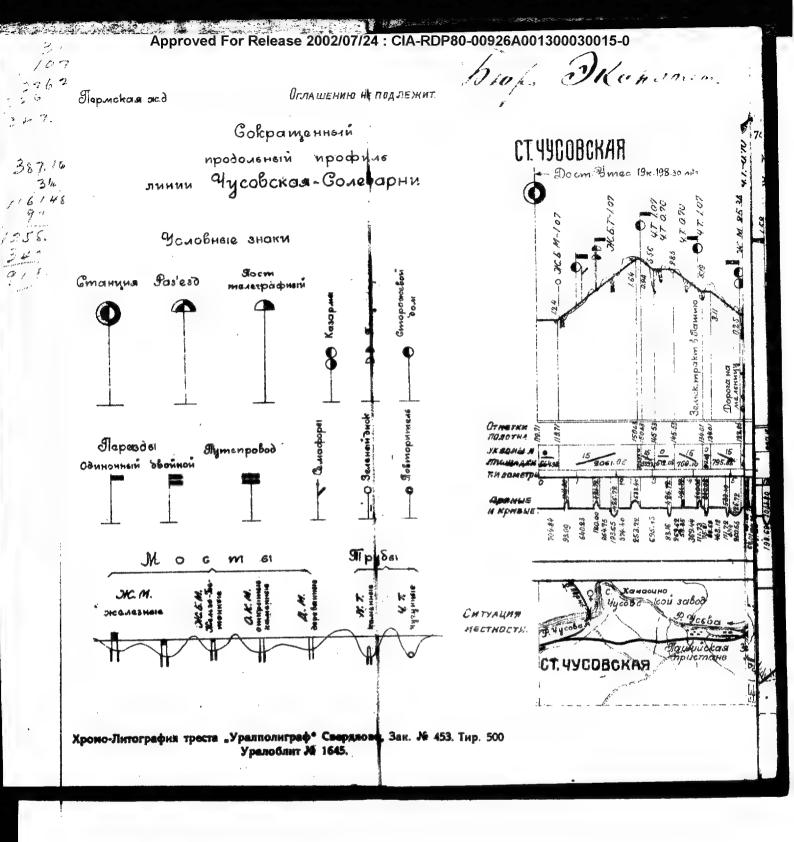
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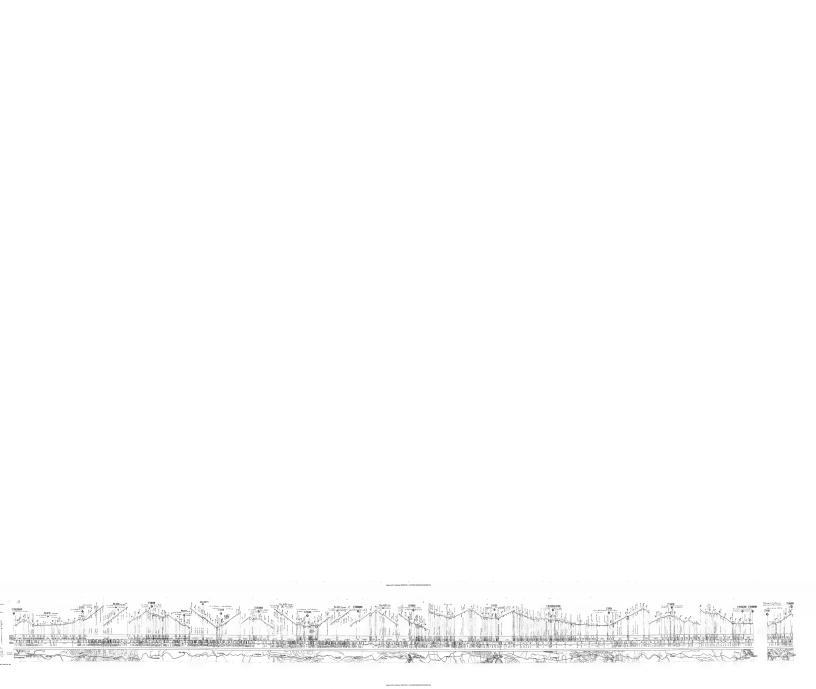
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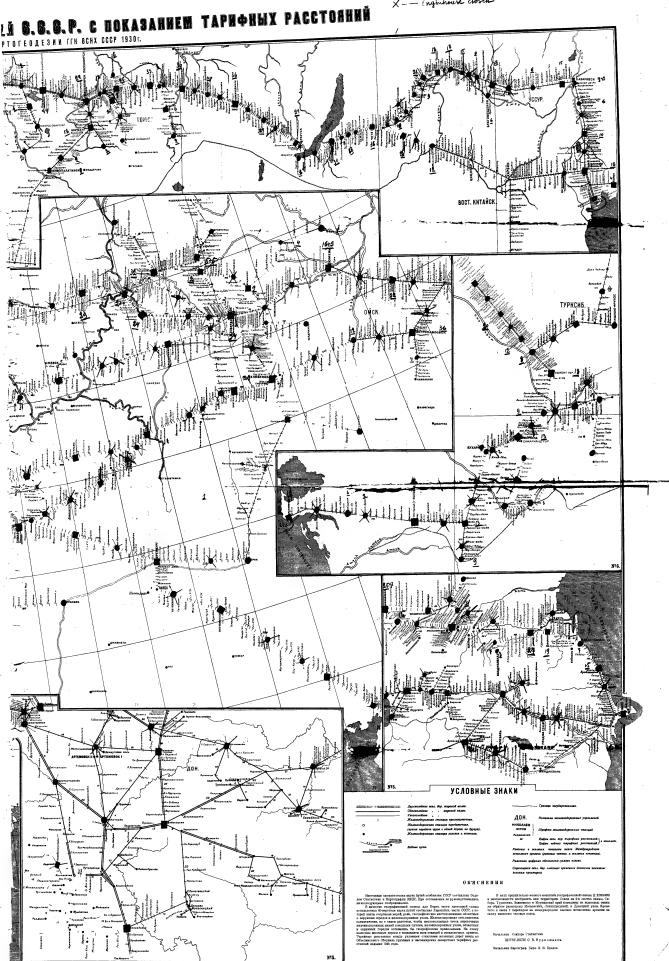


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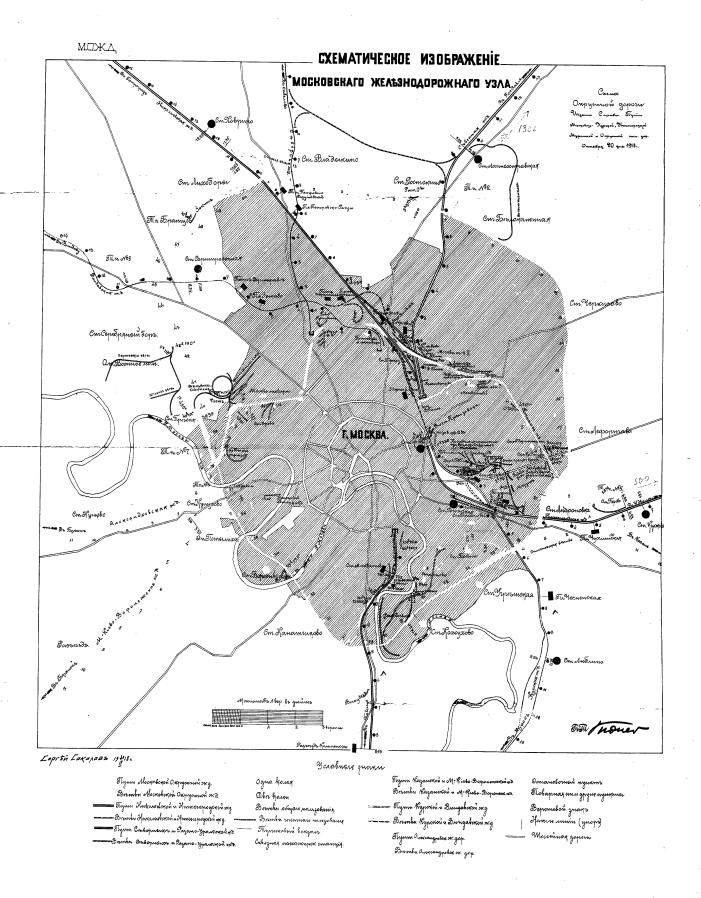
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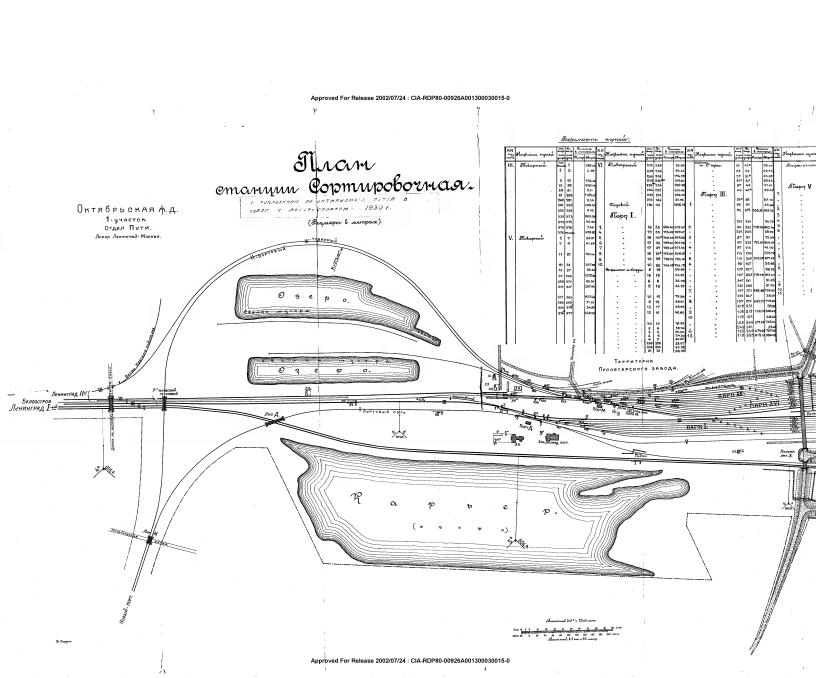
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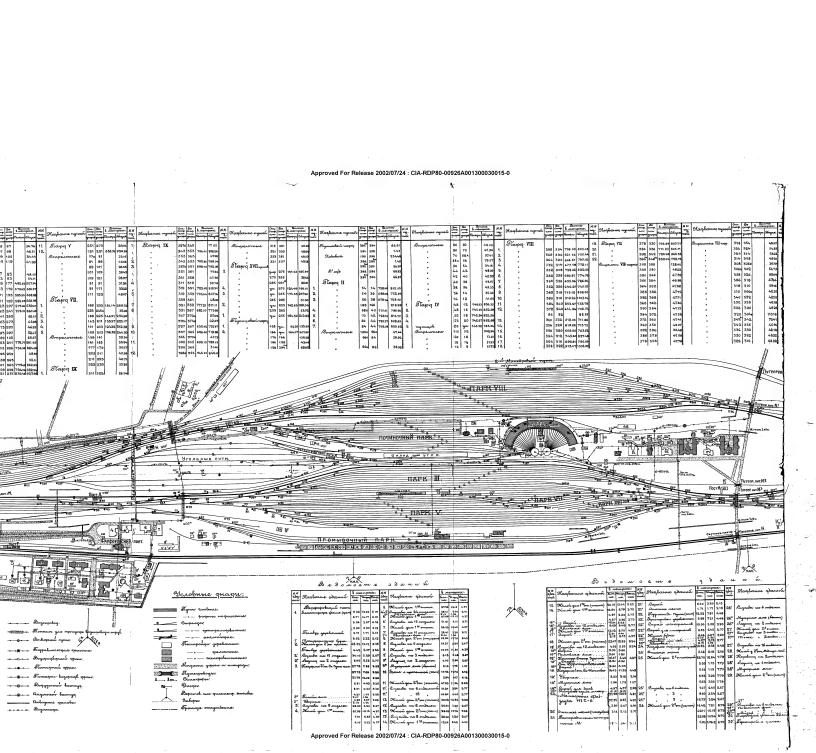
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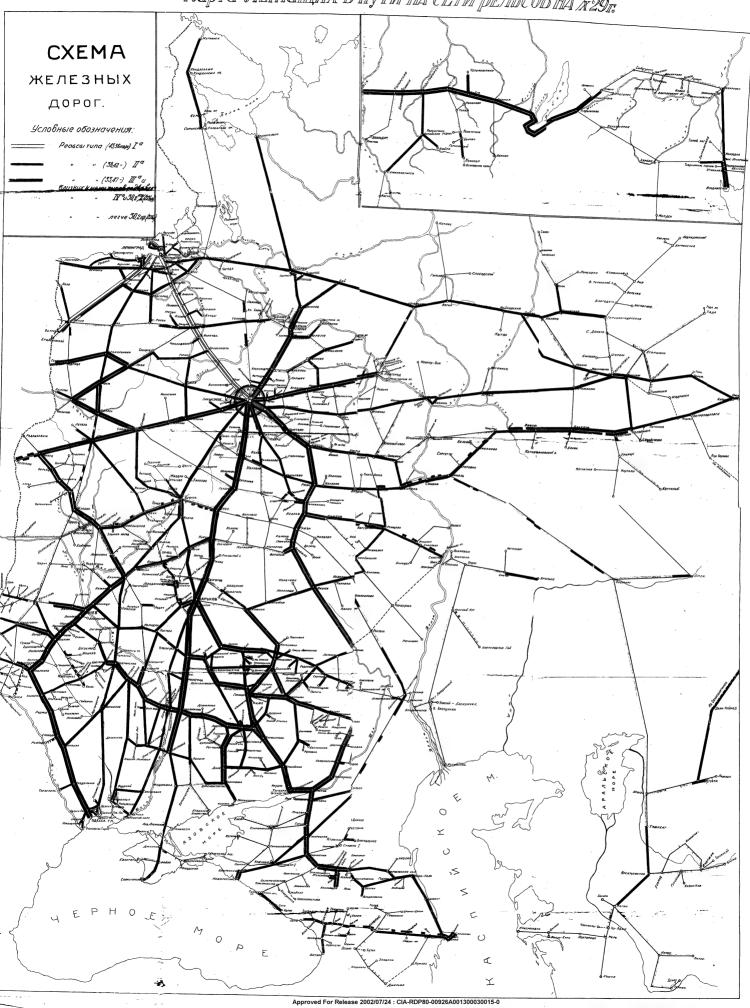
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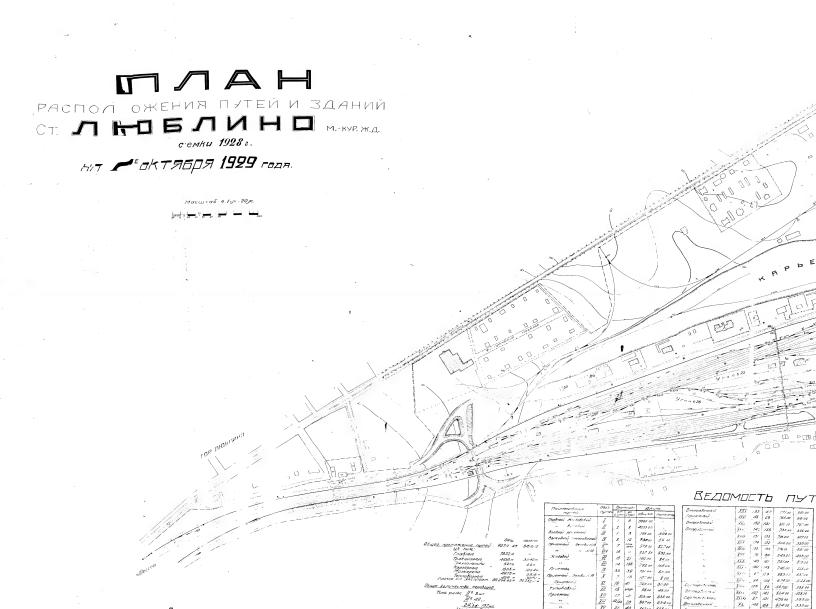


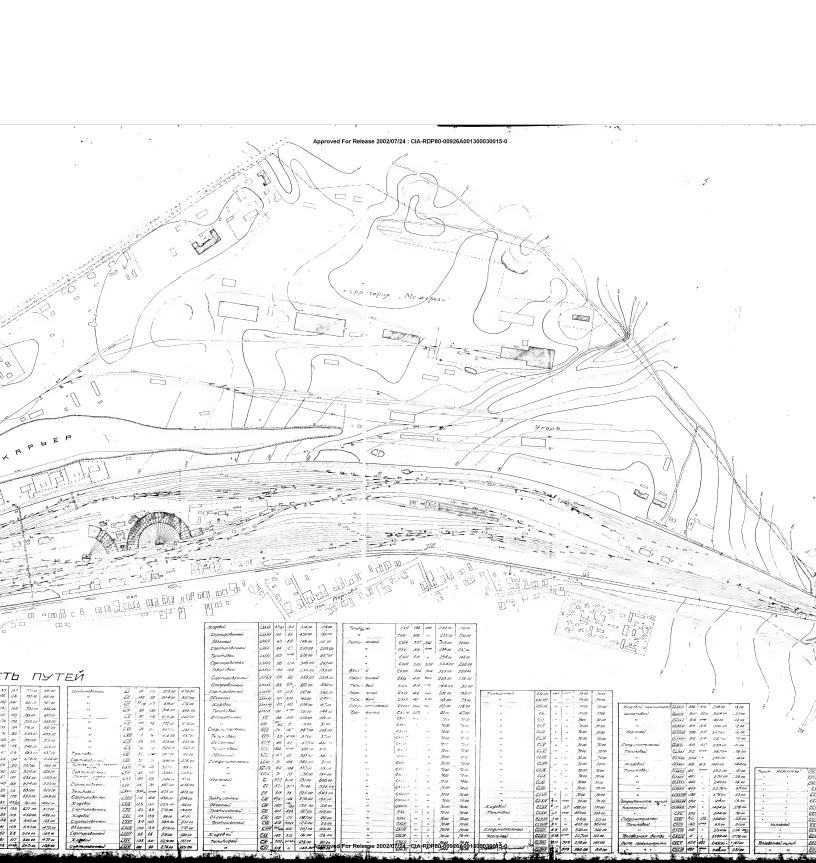


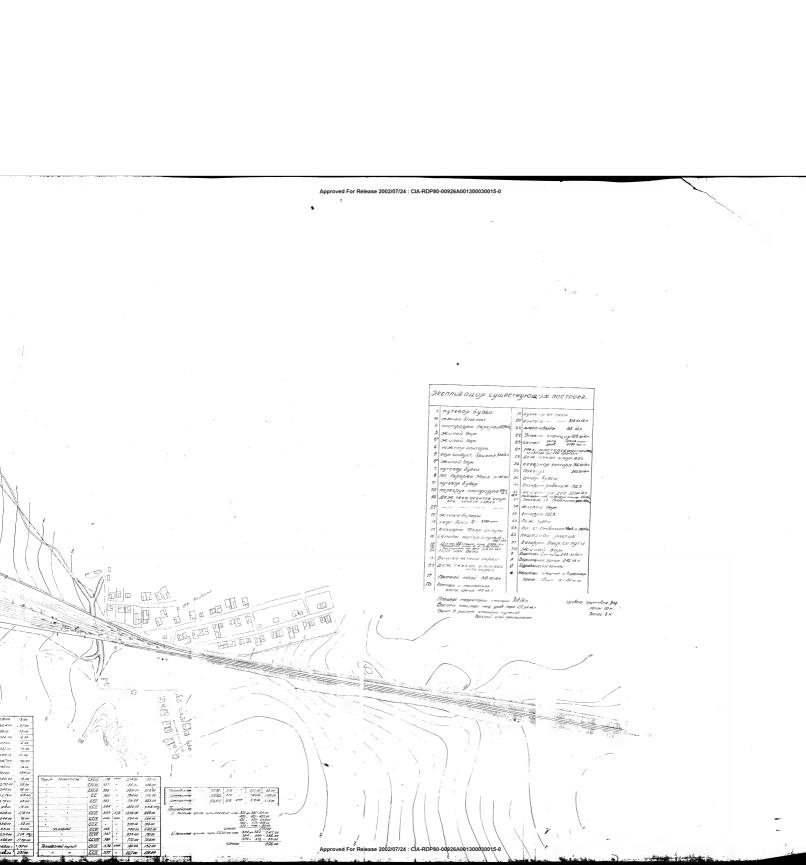


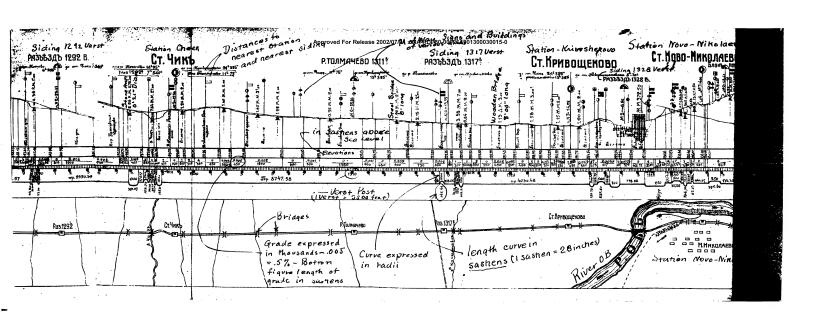
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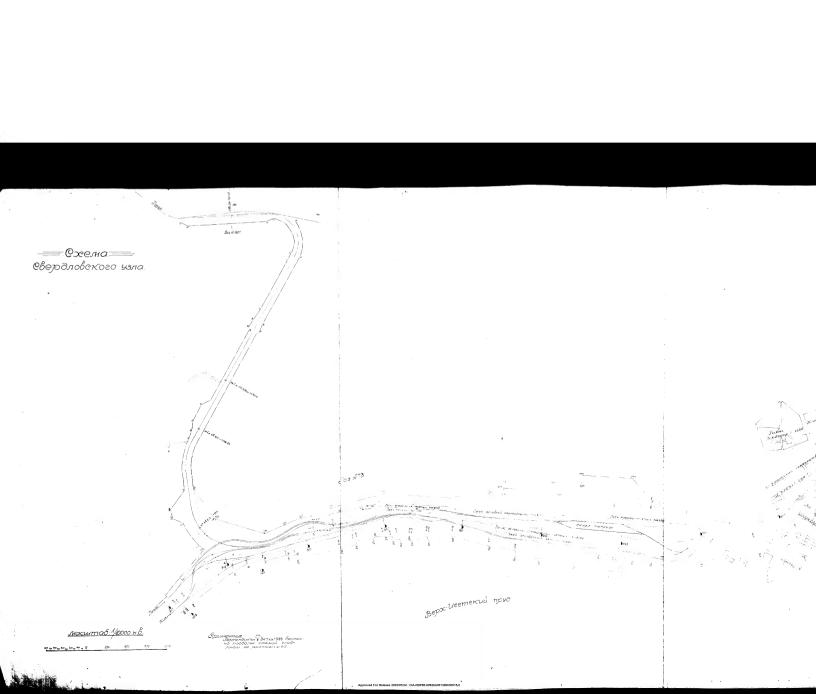


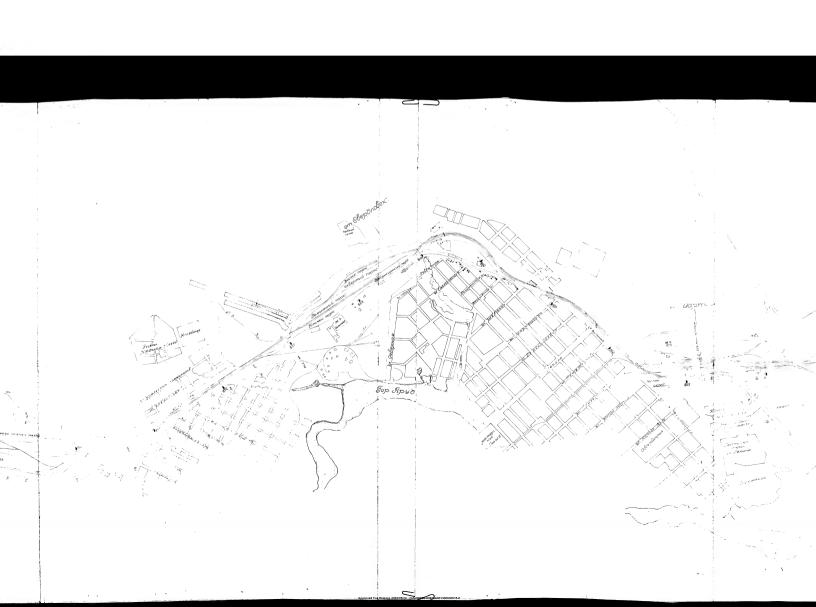
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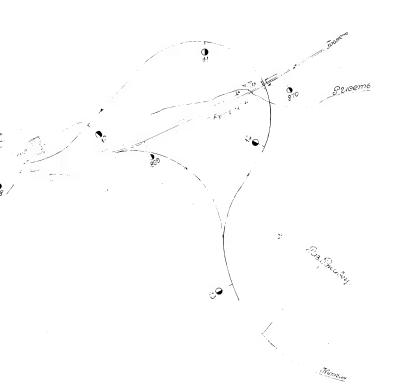
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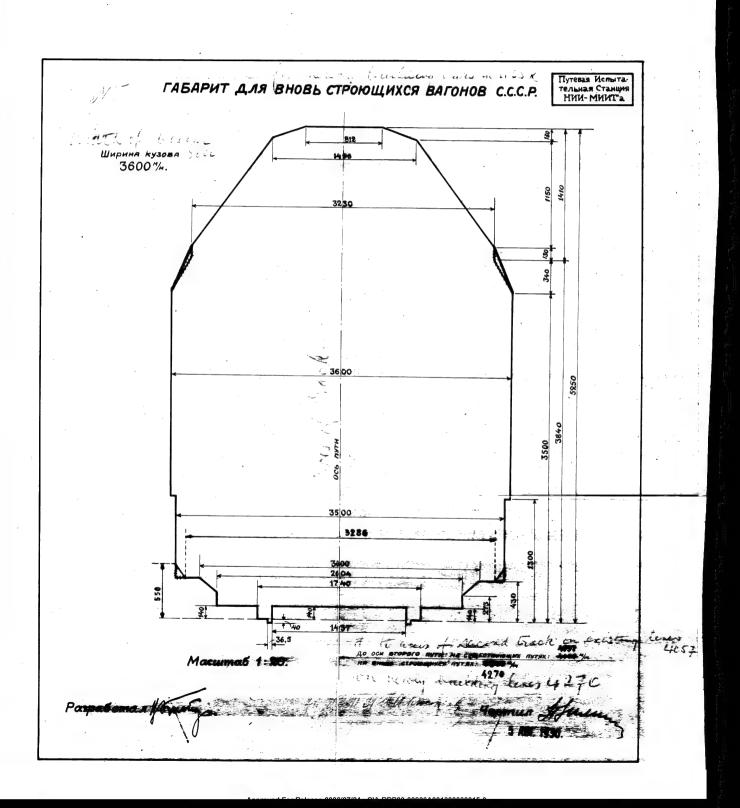
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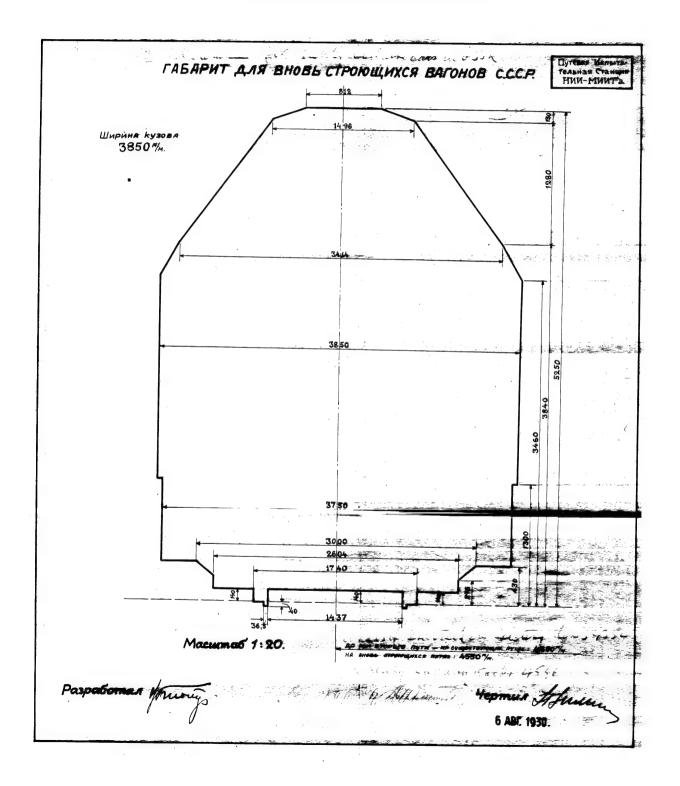
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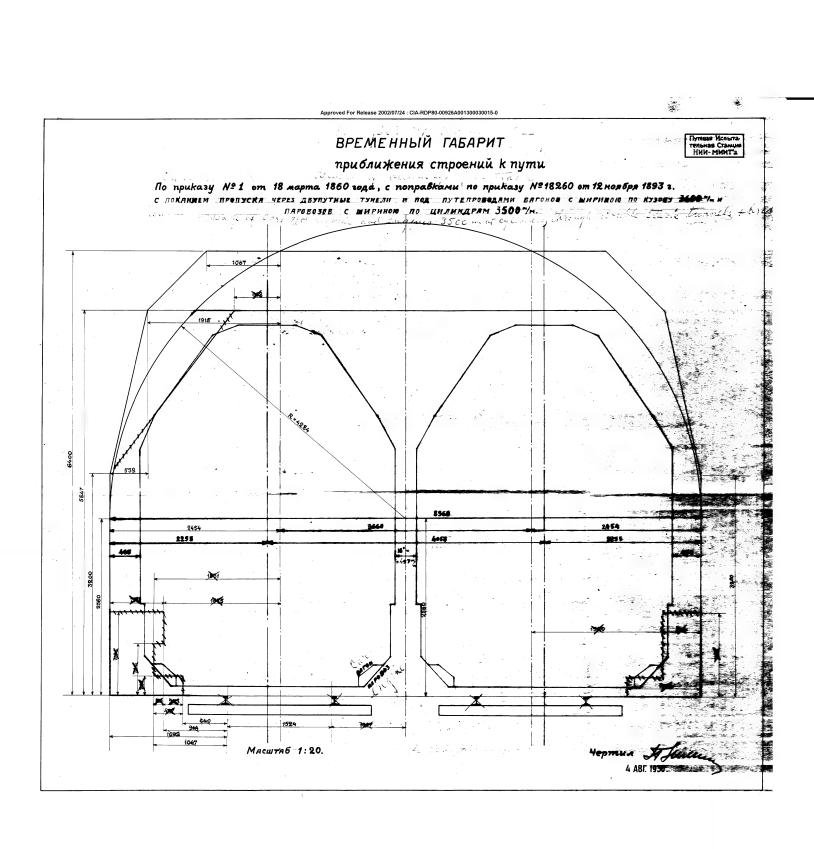


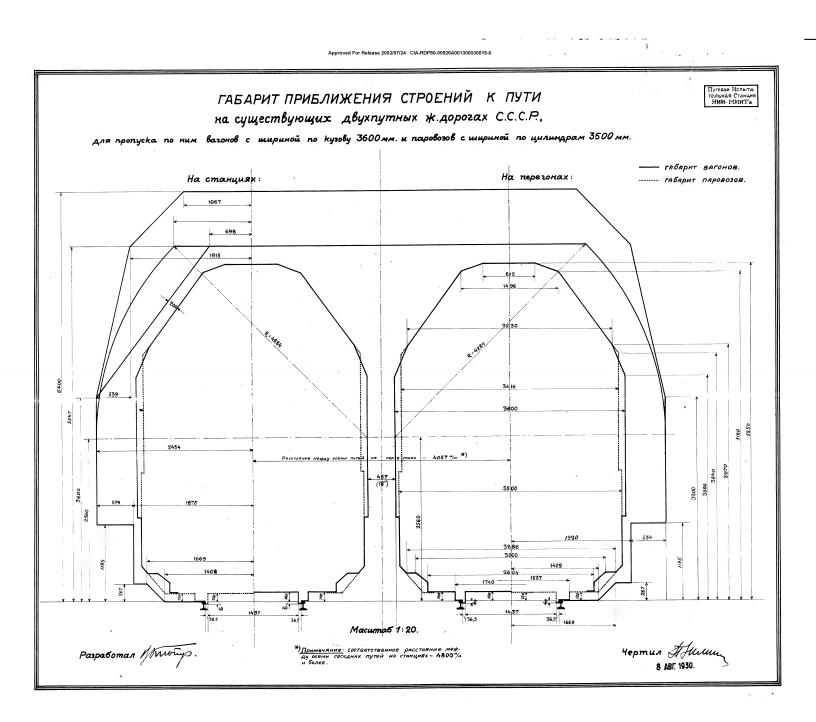
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The clearance of rolling stock and that of approximation of buil-

dings to the track, which have to be put as basis for the reconstruc-

Definition of cleurance.

I. The clearance of rolling stock ist the closed limited space, where the rolling stock has to be placed, without deput it, when standing on the straight horizontal way, with all its standing out and hanging over parts and with the train signals at the length of the square part of horizontal projection of the carriage body not over 20 meters /at greater length the breadth of clearance shall be augmented in accordance with the corresponding design.

II. The clearance of up roximation of buildings to the track is the allowed limited space free of any equipment, buildings and parts thereof, inside of which no parts of buildings, equipment or appliances from the exterior part of clearance shall penetrate.

III. The space between the clearance of approximation of buildings and that of rolling stock as well as between two neighbour clearances of rolling stock is the reserve taking into consideration the dynamics of the rolling stock as well as its deviation from the axle of the track when passing the curves.

concerning the size of rincipal features of track and rolling stock on USSR railways at present.

Normal " " " " " 12.5" = 3778 mm.

Normal " " " 30'10" = 4,4 sagenes = 9388m.

Minimum radius on double track extensions = 150 = 1050 = 320 m.

Normal minimum radius = 300 s.= 2100 = 640m.

Length of double lines = 15000 km.

Length of curves = 25 %.

Length of curves with the radius less than 600 m. = 40 %, which will make on double line extensions - 1500 km.

2. Maximum actual length of rolling stock in operation on all lines:

/ No standard signal funterns are used. They mustil the preare of different types with various ways of hanging them /.

